



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3500

EPA Region 5 Records Ctr.



226045

REPLY TO THE ATTENTION OF

SE-5J

September 12, 2001

VIA FACSIMILE AND U.S. MAIL

Mr. Richard G. Berggreen, C.P.G.
STS Consultants, Ltd.
750 Corporate Woods Parkway
Vernon Hills, IL 60061-3153

**RE: 341 East Ohio Street Workplan
Lindsay Light II Site/RV3 North McClurg Court**

Dear Mr. Berggreen:

The U.S. Environmental Protection Agency (USEPA) has reviewed your letter of July 26, 2001 which responded to USEPA's letter of July 11, 2001. USEPA hereby approves the 341 East Ohio Workplan with the proviso that the comments raised below are incorporated into the Workplan. The contents of the July 26 letter must be added to and made a part of the Workplan document submitted on May 4, 2001.

Furthermore, work at the Site can begin immediately if the comments raised below are incorporated. The comments are as follows:

Comment to Reply #5: The Health Physicist Supervisor listed here is Steve Carlson. The Health and Safety Plan contains a resume for Keith Carlson. Are these the same people?

Comment to Reply #18: "at t2%" was not removed.

Comment to Reply #19: No downwind site was specified in Section 4.1. It would be more appropriate to sample for the length and times of a standard work day so that concentrations can be more easily compared.

One air sample will not be representative of background. For example, the weather that one day could affect the concentration in that a dry day may be dusty with more radioactive particulates (higher background concentration), a wet day may have all the particulates swept out by rain (lower background concentration).

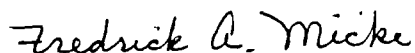
Comment to Reply #45: The release level for radium-226 and radium-228 by Nuclear Regulatory Commission Regulatory Guide 1.86 is 20 dpm/100 cm². Where Federal

limits exceed state limits, the Federal limits take precedence.

The Action Levels of ambient gamma (off-site areas) are set to be triggered just at the regulatory level, unlike the Action Level for work areas. Having the action to be triggered before the regulatory level is reached is useful to avoid an exceedence.

If you have questions regarding this letter, please contact me, as soon as possible, at (312) 886-5123 or contact Verneta Simon, On-Scene Coordinator, at (312) 886-360, or Larry Jensen, Senior Health Physicist, at (312) 886-5026.

Sincerely,

A handwritten signature in cursive script that reads "Fredrick A. Micke".

Fredrick A. Micke, P.E.
On-Scene Coordinator
ERB Section #3

cc: Mark Krippel, Kerr-McGee

bcc: Mary Fulghum C-14J
Cathy Marwick, C-14J
Padma Klejwa, C-14J
Mick Hans, C-19J
Verneta Simon, SE-5J
Larry Jensen, SE-5J
Derrick Kimbrough, C-19J
Linda Nachowicz, SE-5J
Debbie Regel, SE-5J